

RAW SEQUENCE LISTING

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Application Serial Number: 10/593,103
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PATENT APPLICATION: US/10/593,103

DATE: 11/13/2006

TIME: 12:27:08

Input Set : A:\Q96480 sequence listing submitted 11.2006.txt
 Output Set: N:\CRF4\11132006\J593103.raw

3 <110> APPLICANT: SUCAMPO AG
 5 <120> TITLE OF INVENTION: METHOD FOR DIAGNOSING OR PREDICTING SUSCEPTIBILITY TO OPTIC
 6 NEUROPATHY
 8 <130> FILE REFERENCE: 665045
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/593,103
 C--> 11 <141> CURRENT FILING DATE: 2006-09-15
 13 <150> PRIOR APPLICATION NUMBER: US 60/553986
 14 <151> PRIOR FILING DATE: 2004-03-18
 16 <150> PRIOR APPLICATION NUMBER: US 60/604704
 17 <151> PRIOR FILING DATE: 2004-08-27
 19 <150> PRIOR APPLICATION NUMBER: US 60/607359
 20 <151> PRIOR FILING DATE: 2004-09-07
 22 <160> NUMBER OF SEQ ID NOS: 209
 24 <170> SOFTWARE: PatentIn version 3.2
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 27 <211> LENGTH: 360
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo Sapiens
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 34 cccatacttag ttattatcga aaccatcagc ctactcattc aaccaatagc cctggccgtta 120
 36 cgcctaaccg ctaacattac tgcaaggccac ctactcatgc acctaattgg aagcgccacc 180
 38 ctagcaatat caaccattaa cttccctct acacttatca ttttcacaat tctaattctta 240
 40 ctgactatcc tagaaatcgc tgcgcctta atccaaaggct acgttttac acattcttagta 300
 42 agcctctacc tgcacgacaa cacataatga cccaccaatc acatgcctat catatagtaa 360
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 300
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Homo Sapiens
 50 <400> SEQUENCE: 2
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 53 cagaactgtc ataagatatg agctgaatac cgagacagtg aaggctgaga agggaaatccc 120
 55 tggagctggc taccacggac agttcccgta ttcttgggt ggctacacgg acattgactt 180
 57 ggctgtggat gaagcaggcc tctgggtcat ttacagcacc gatgaggcca aaggtgccat 240
 59 tgtcctctcc aaactgaacc cagagaatct ggaactcgaa caaacctggg agacaaacat 300
 62 <210> SEQ ID NO: 3
 63 <211> LENGTH: 540
 64 <212> TYPE: DNA
 65 <213> ORGANISM: Homo Sapiens
 67 <400> SEQUENCE: 3
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 70 caagggccag gtgtgcatca aagacaaagg gtgaagttt gagtcagagg ttggagtcat 120
 72 gtctgggtca aaggccaggg gtcaggctt gccatggttc catcttgcgtg cacaggagct 180

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74 gaaggacagg atgacggaac tggcccct gagctcggtc ctggagcagt acaaggcaga 240
 76 cacccggacc attgtacgct tgcgggagga ggtgaggaat ctctccggca gtctggcgcc 300
 78 cattcaggag gagatgggtg cctacgggtt tgaggacctg cagcaacggg tggatggccct 360
 80 ggaggcccg ctccacgcct gcgcggagaa gctgggtatg cttggccct tgaccctgac 420
 82 ccctgatctc tgactgccac acccaactcc agtacccatc gtttgcctt agaagctgga 480
 84 cacagttttg acctctaaact tttaaacctc aacccttgcac cttccatctt aaggctacac 540
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 88 <211> LENGTH: 23
 89 <212> TYPE: DNA
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 92 <220> FEATURE:
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 95 <400> SEQUENCE: 4
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 101 <212> TYPE: DNA
 102 <213> ORGANISM: Artificial Sequence
 104 <220> FEATURE:
 105 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
 107 <400> SEQUENCE: 5
 108 tctggaaagg gacagaagat gac 23
 111 <210> SEQ ID NO: 6
 112 <211> LENGTH: 22
 113 <212> TYPE: DNA
 114 <213> ORGANISM: Artificial Sequence
 116 <220> FEATURE:
 117 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
 119 <400> SEQUENCE: 6
 120 gatcgataag ttccgttca cc 22
 123 <210> SEQ ID NO: 7
 124 <211> LENGTH: 25
 125 <212> TYPE: DNA
 126 <213> ORGANISM: Artificial Sequence
 128 <220> FEATURE:
 129 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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 132 tcaatcttag tcttgaagtg aggt 25
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 136 <211> LENGTH: 600
 137 <212> TYPE: DNA
 138 <213> ORGANISM: Homo Sapiens
 140 <400> SEQUENCE: 8
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 143 aagatgggtt gtggggccca ggcacgaggt ccgcacggcag ggaggacgac agcatccgccc 120
 145 cttcaaggt ggaaacgtca gatgaggaga tccacgactt acaccagagg atcgataagt 180
 147 tccgtttcac cccacccatc gggacagct gcttccacta tggatccaa tccaaactacc 240
 149 tgaagaaagt catctcttac tggcggaatg aatttgcgtt gaaaggacgatc gtggagatc 300
 151 tcaacagata ccctcaacttc aagactaaaa ttgaagggtt ggacatccac ttcatccacg 360

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 155 gccccggctc tttctacag tttataaga tcatcccact cctgactgac cccaaagaacc 480
 157 atggcctgag cgatgagcac gttttgaag tcatctgccc ttccatccct ggctatggct 540
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 162 <210> SEQ ID NO: 9
 163 <211> LENGTH: 780
 164 <212> TYPE: DNA
 165 <213> ORGANISM: Homo Sapiens
 167 <400> SEQUENCE: 9
 168 gcaggcccac caccggacc ccaacccag cccctagca gagacctgtg ggaagcgaaa 60
 170 attccatggg actgacttgc tgctttgtc tttcagactt cctgaaaaca acgttctgg 120
 172 aaggacaagg gttggctgg ggacctggag ggctggggac ctggagggct gggggctgg 180
 174 ggggctgagg acctggctc ctgactgctc tttcaccca tctacagtc ccctggcg 240
 176 cccaagcaat ggtatgtttg atgctgtccc cggacgatata tgaacaatgg ttcactgaag 300
 178 acccaggtcc agatgaagct cccagaatgc cagaggctgc tccccggctg gcccctgcac 360
 180 cagcagctcc tacaccggcg gcccctgcac cagccccctc ctggccctcg tcacattctg 420
 182 tcccttccca gaaaacctac cagggcagct acgggttccg tctgggcttc ttgattctg 480
 184 ggacagccaa gtctgtgact tgcacggta gttgccctga ggggctggct tccatgagac 540
 186 ttcaatgcct ggccgtatcc ccctgcatt ctttgtttg gaactttggg attcctcttc 600
 188 accctttggc ttctgtcag tgtttttta tagtttaccc acttaatgtg tgatctctg 660
 190 ctccctgtccc aaagttaat attccccct tgaatttggg ctttatcca tccatcaca 720
 192 ccctcagcat ctctctggg gatgcagaac ttttctttt cttcatccac gtgtattct 780
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 196 <211> LENGTH: 19
 197 <212> TYPE: DNA
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 203 <400> SEQUENCE: 10
 204 gccataaaac tcttcacca 19
 207 <210> SEQ ID NO: 11
 208 <211> LENGTH: 21
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 210 <213> ORGANISM: Artificial Sequence
 212 <220> FEATURE:
 213 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
 215 <400> SEQUENCE: 11
 216 accataaaac tcttcaccaa a 21
 219 <210> SEQ ID NO: 12
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 221 <212> TYPE: DNA
 222 <213> ORGANISM: Artificial Sequence
 224 <220> FEATURE:
 225 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
 227 <400> SEQUENCE: 12
 228 ccctacgggc tactacaacc ctgcgtgac t 31
 231 <210> SEQ ID NO: 13
 232 <211> LENGTH: 21
 233 <212> TYPE: DNA

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Input Set : A:\Q96480 sequence listing submitted 11.2006.txt
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234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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243 <210> SEQ ID NO: 14
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245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
251 <400> SEQUENCE: 14
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256 <211> LENGTH: 47
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
263 <400> SEQUENCE: 15
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267 <210> SEQ ID NO: 16
268 <211> LENGTH: 14
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
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273 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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280 <211> LENGTH: 15
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
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287 <400> SEQUENCE: 17
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293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
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299 <400> SEQUENCE: 18
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303 <210> SEQ ID NO: 19
304 <211> LENGTH: 21
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence

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Input Set : A:\Q96480 sequence listing submitted 11.2006.txt
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317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
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321 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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332 <220> FEATURE:
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335 <400> SEQUENCE: 21
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339 <210> SEQ ID NO: 22
340 <211> LENGTH: 23
341 <212> TYPE: DNA
342 <213> ORGANISM: Artificial Sequence
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347 <400> SEQUENCE: 22
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351 <210> SEQ ID NO: 23
352 <211> LENGTH: 22
353 <212> TYPE: DNA
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357 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
359 <400> SEQUENCE: 23
360 gtgggtgtct ttggatatac ta 22
363 <210> SEQ ID NO: 24
364 <211> LENGTH: 56
365 <212> TYPE: DNA
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
369 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
371 <400> SEQUENCE: 24
372 ttttggggga ggatatatgg gttaatagt tttttaatt tatttagggg gaatgt 56
375 <210> SEQ ID NO: 25
376 <211> LENGTH: 19
377 <212> TYPE: DNA
378 <213> ORGANISM: Artificial Sequence
380 <220> FEATURE:

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/593,103

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date